

Attorney Docket Number: FSP0011
Title: PULLING APPARATUS
Application Number: 10/003,393
Filing Date: Monday, October 22, 2001
First Named Inventor: Cook, Robert D.
Group Art Unit: 3654

-2-

Claims

1. (Cancelled) An apparatus comprising:
at least one bar;
a sleeve sized to fit over the at least one bar, the sleeve comprising a nub having substantially the same width as the at least one bar; and
a movable assembly comprising a spindle and a bracket, the bracket sized to fit over either of the at least one bar and the nub.
2. (Cancelled) The apparatus of claim 1, the movable assembly further comprising:
a drive axle coupled by way of gears to the spindle, the gears configured to amplify a torque applied to the drive axle and to apply the amplified torque to turn the spindle.
3. (Cancelled) The apparatus of claim 2 further comprising:
the movable assembly configured for mounting a power drill with a chuck of the power drill positioned to receive the drive axle.
4. (Cancelled) The apparatus of claim 1, the at least one bar and the sleeve further comprising holes which when aligned may receive a pin to secure the at least one bar within the sleeve.
5. (Cancelled) The apparatus of claim 1 in which the sleeve is sized to receive a bar of a standard trailer hitch.
6. (Cancelled) The apparatus of claim 4, the nub and the bracket further comprising holes which when aligned receive a pin to secure the movable assembly to the nub.
7. (Cancelled) An apparatus comprising:

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-3-

a boom comprising at least one bar and sleeve; and
a movable spindle;
the sleeve having a nub sized to mount the movable spindle.

8. (Cancelled) The apparatus of claim 7 wherein the sleeve comprises a nub having a width substantially the same as the width of the bar, and wherein the movable spindle comprises a mount sized to receive a width of either the bar and the nub.

9. (Cancelled) The apparatus of claim 7 wherein the movable spindle comprises a drive axle and gears to step up a torque applied to the drive axle to turn the spindle.

10. (Cancelled) The apparatus of claim 7 wherein the drive axle is adapted to receive the chuck of a power drill.

11. (Previously Presented) An apparatus comprising:
a sleeve sized to fit over a bar, the sleeve comprising a nub having substantially the same width as the bar;
a movable gearbox assembly comprising a mount to receive a power drill and a bracket sized to fit over either of the bar and the nub;
a mechanism to depress a power switch of the power drill when the power drill is mounted to the gearbox assembly; and
a foot pedal assembly to couple the power drill to a power source when the foot pedal is operated.

12. (Original) The apparatus of claim 11 further comprising:
a base assembly comprising a pivot for setting the angle of the boom, the boom comprising at least one bar and sleeve.

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-4-

13. (Previously Presented) An apparatus comprising:

a base assembly comprising a pivotable base bar;
a boom comprising a sleeve sized to fit over an end of the base bar at a first end and to fit over an end of an extension bar at a second end, the sleeve comprising a nub having substantially the same width as the extension bar; and
a movable spindle assembly adapted to mount over either the extension bar or the nub of the sleeve.

14. (Previously Presented) The apparatus of claim 13 further comprising:

a foot pedal which, when operated, provides power to a torque source to turn the spindle.

15. (Previously Presented) The apparatus of claim 13, further comprising:

a first pulley assembly coupled to the boom and a second pulley assembly coupled to the first pulley assembly, the first pulley assembly comprising a first pulley axle substantially orthogonal to a second pulley axle of the second pulley assembly.

16. (Previously Presented) The apparatus of claim 15 further comprising:

a bushing assembly comprising a bay; and
a bushing having a lengthwise opening aligned with the bay.